

UPTINC.015A



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Bronshtein ) Group Art Unit 165  
Appl. No. : 09/254,563 )  
Filed : March 5, 1999 )  
For : SHELF PRESERVATION OF )  
CELLS, TISSUES, ORGANS )  
AND ORGANISMS BY )  
VITRIFICATION )

Examiner : Saucier, S.

TECH CENTER 1600/2900

PATENT

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(NE)

AMENDMENT AFTER FINAL REJECTION

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action, Paper No. 8, mailed January 4, 2001, Applicant respectfully requests that the above-referenced application be amended as indicated below and that the Examiner consider the following arguments.

ABSTRACT

B1 →

An Abstract on a separate sheet is submitted herewith.

IN THE CLAIMS:

Please amend the following claims:

1. (Twice Amended) A method for preserving a cell or tissue specimen comprising:

B2

equilibrating and thereby dehydrating the specimen [with] in a vitrification solution comprising a permeating cryoprotectant, a non-permeating co-solute and a non-permeating polymeric cryoprotectant, wherein the non-permeating co-solute effectively decreases the chemical potential of the permeating cryoprotectant thereby limiting the amount of the permeating cryoprotectant which permeates into the specimen; and

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